

1. PRODUCT NAME, NUMBER, SYNONYM: 3M Brand Adhesive EC-776
2. MANUFACTURER'S NAME: 3M Company
3. MANUFACTURER'S ADDRESS: 3M Center, St. Paul, Minnesota 55101
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe up and discard.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: Store at 60-80°F.
ICC Shipping Classification: "Rubber Cement", Red label required.

6. FIRST AID TREATMENT:

- A. SKIN CONTACT: Wash with soap and water.
- B. EYE CONTACT: Flush immediately with water. Seek medical advice.
- C. INHALATION: Provide fresh air.
- D. ANTIDOTE IN CASE OF SWALLOWING: _____

7. PHYSIOLOGICAL PROPERTIES:

- A. ACUTE ORAL TOXICITY: Unknown, expected to be low.
- B. LOCAL EFFECTS UPON EYES: May irritate.
- C. LOCAL EFFECTS UPON SKIN: May defat or irritate.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Moderate.
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 100 ppm for solvent

8. CHEMICAL AND PHYSICAL PROPERTIES:

- A. SPECIFIC GRAVITY (WATER = 1) _____ B. VAPOR DENSITY (AIR = 1) _____
- C. VAPOR PRESSURE mm Hg AT 25°C. app. 0.9 D. pH _____
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
None expected

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Methyl isobutyl ketone	75%
Synthetic rubber	
Resins	

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Keep away from heat, sparks and flame.
Use only in well ventilated areas. Avoid prolonged breathing of
vapors and prolonged or repeated skin contact.

10. RECOMMENDED PROTECTIVE EQUIPMENT: _____

11. A. FLASHPOINT °F: CLOSED CUP _____; OPEN CUP 60° (COC); IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO _____

D. FIRE POINT °F _____; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY _____

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? _____

Oxides of C, H, N

G. SUITABLE EXTINGUISHING AGENTS: CO₂, foam

12. INFORMATION FURNISHED BY: H. A. Birnbaum

TITLE: Product Toxicologist

COMPANY: 3M Company

ADDRESS: 3M Center, St. Paul, Minnesota 55101

DATE: 1/21/72

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.



GENERAL OFFICES • 3M CENTER • SAINT PAUL, MINNESOTA 55101 • TEL. (612) 733-1110

Medical Department

MEDICINE • HEALTH PHYSICS • INDUSTRIAL HYGIENE • TOXICOLOGY

January 21, 1972

Mr. A. W. Wildanger
Safety Engineer
Douglas Aircraft Company
3855 Lakewood Boulevard
Long Beach, California 90801

Dear Mr. Wildanger:

Your request for information concerning 3M Brand Adhesive EC-776 has been referred to this office for handling. We are pleased to provide the attached Toxicological Data Sheet for your confidential use.

If there is anything further that I can do, please let me know.

Cordially yours,

H. A. Birnbaum
Product Toxicologist

HAB:maz

Attach.

MINNESOTA MINING AND MANUFACTURING COMPANY

BOE-C6-0209511